Bluetooth Module

for DT590 Cordless Telephone

User Guide

AASTRA

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Welcome

This User Guide shows you how to install the Bluetooth module in the DT590 cordless phone and how to pair and operate the telephone with a Bluetooth headset.

The Bluetooth module is placed in the battery compartment and connected with a connector.

Bluetooth technology replaces the cord between the cordless phone and the headset. This allows the user to move more freely and eliminates the risk of a headset cord getting stuck.

Bluetooth module supports the Bluetooth 1.2 standard.

The latest version of this User Guide can also be downloaded from: http://www.aastra.com

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Hereby, Aastra Telecom Sweden AB, Box 42214, SE-126 17 Stockholm, declares that this telephone is in conformity with the essential requirements and other relevant provisions of the R&TTE directive 1999/5/EC.

Details to be found at: http://www.aastra.com/sdoc.

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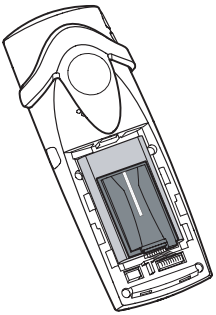
Description

The Bluetooth module is a small flat electronic board with an integrated antenna moulded into plastic and a connector.

The Bluetooth module can be easily installed in the battery compartment.



Article number: DPY 901 549/1

Note: *To use the Bluetooth module your phone has to fulfill certain hardware and software requirements. The minimum hardware version is R2A. The hardware version is found on the label under the battery (next to the article number 1/DPNANB 240 01/1). For further details please contact your system administrator.*

Installation

Turn off the phone by pressing NO until the display goes blank.

1 **Remove the battery cover.**

2 **Completely remove the foam on the inside of the battery lid.**

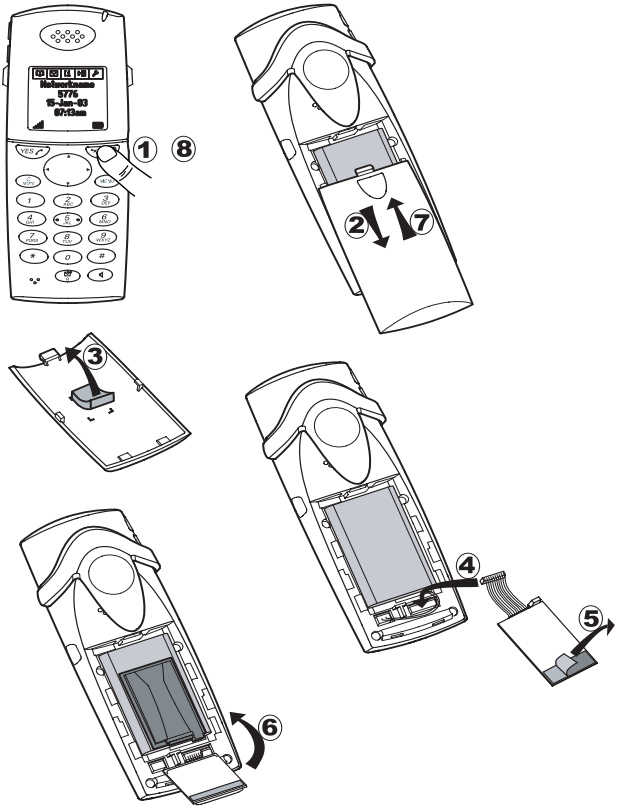
3 **Connect the Bluetooth module connector to the largest connector on the phone. As the connector is asymmetric it is not possible to connect the module in the wrong way.**

4 **Remove the backing paper from the tape on the Bluetooth module.**

5 **Place the Bluetooth module so that it is centred on the battery and the support at the end of the battery.**

6 **Close the battery lid.**

7 **Turn on the phone by pressing NO until the display starts.**


1
8
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6

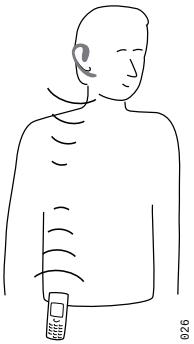
Headsets

Since the Bluetooth module supports the Bluetooth 1.2 standard, any headset that comply to this standard can be connected to the phone.

> **Note:** *As your Bluetooth headset may have more or less functions than described here, please refer to the user guide for the Bluetooth headset.*

Wear

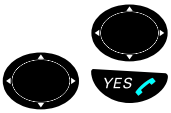
For optimal performance wear the Bluetooth headset and the phone on the same side of your body. The best audio quality in the headset is achieved when there are obstructions, including your body, between the headset and the cordless phone.



Setup

Enable Bluetooth

Press.



Select the “Toolbox” tab.

Select the menu item ”Bluetooth” and confirm.
The following options are available:

- Enable
- Headset (greyed out)

Select the menu item ”Enable” and confirm.
The menu options now change to:

- Disable
- Headset (active)

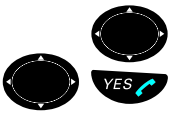
The activated Bluetooth function will be indicated by a symbol ( ) in the info row of the display.

Pair and connect a Bluetooth headset

Before a headset can be used a connection (pairing) between the headset and the phone must be established. Please refer to the user guide of the headset.

Place the Bluetooth headset and the phone next to each other.

Press.



Select the “Toolbox” tab.

Select the menu item ”Bluetooth” and confirm.

Select the menu item ”Headset” and confirm.

Select the menu item ”Add new” and confirm.

Put the headset in pairing mode (please refer to the user guide of the headset) and confirm on the phone.
The phone starts to search for the headset.

When headset is found it is displayed in the phone menu with its supplier specific name.

Select the headset and confirm.
The pairing starts.

After a few seconds a PIN-code is requested for the Bluetooth headset.

Enter the PIN-code (please refer to the user guide of the headset) and confirm.
If the entered PIN is correct “Succeeded” is shown on the phone display.

The paired headset is displayed in the phone menu with its supplier name. To change the name please refer to the chapter “Change the name of Bluetooth headset” on page 15.

Up to four headsets can be paired to the phone, but only one at a time can be active.

Select the desired headset and confirm.
The following options are available:

- Connect
- Edit name
- Remove

Select the menu item ”Connect” and confirm.
The selected headset is now active and ready to be used.

> **Note:** *A previously activated headset is deactivated automatically, however it remains paired. To switch between the paired headsets please refer to chapter “Activate a Bluetooth headset” on page 12.*

A paired headset will be indicated by a symbol ( ) in the info row of the display.

Activate a Bluetooth headset

This chapter is only relevant when you have paired more than one headset and you want to switch between them (only one headset can be active at the time).

Press.

Select the “Toolbox” tab.

Select the menu item ”Bluetooth” and confirm.

Select the menu item ”Headset” and confirm.

Select the desired headset and confirm.
The following options are available:

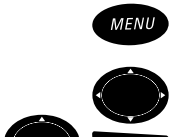
- Connect
- Edit name
- Remove

Select the menu item ”Connect” and confirm.
The headset is now active and ready to be used.

> **Note:** *A previously activated headset is deactivated automatically, however it remains paired.*

Deactivate a Bluetooth headset

To deactivate the active Bluetooth headset proceed as follows.



Press.

Select the “Toolbox” tab.

Select the menu item ”Bluetooth” and confirm.

Select the menu item ”Headset” and confirm.

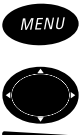
Select the desired headset and confirm.
The following options are available:

- Disconnect
- Edit name
- Remove

Select the menu item ”Disconnect” and confirm.
The headset is now deactivated but remains paired and can be found in the headset menu.

Remove a headset

To remove a Bluetooth Headset proceed as follows



Press.

Select the “Toolbox” tab.

Select the menu item ”Bluetooth” and confirm.

Select the menu item ”Headset” and confirm.

Select the desired headset and confirm.
The following options are available:

- Disconnect or Connect
- Edit name
- Remove

Select the menu item ”Remove” and confirm.

Change the name of Bluetooth headset

The bluetooth headset reports its default name to the phone (normally the type name of the headset). To change the name proceed as follows.

Press.

Select the “Toolbox” tab.

Select the menu item ”Bluetooth” and confirm.

Select the menu item ”Headset” and confirm.

Select the desired headset and confirm.
The following options are available:

- Disconnect or Connect
- Edit name
- Remove

Select the menu item ”Edit name” and confirm.
To enter a text please refer to chapter “Write Text” in the DT590 user guide.

Operation

Make a call with the headset

Enter the desired number.
The number is displayed.

Press when the number is correct.

Press when “Transfer call to phone?” is displayed.
The call is transferred to the Bluetooth headset

If you want to use the phone instead, press

.

Answer a call with the headset

A ring signal sounds in both the active Bluetooth headset and the phone to signal an incoming call.

Press the button on the headset, if the call shall be answered on the headset.

Or:

Press to answer the call on the phone.

End a call

To end the call press the button on the headset.

Or:

Press.

Transfer a call from the headset to the phone

To transfer a call from the Bluetooth headset to the phone proceed as follows:

Select the “Ongoing call” tab.

Select the menu item “Audio transfer” and press.

Select the menu item “To phone” and press.

Transfer a call from the phone to the headset

To transfer the call from the phone to the Bluetooth headset proceed as follows:

Select the “Ongoing call” tab.

Select the menu item “Audio transfer” and press.

Select the headset name and press.

It is also possible to transfer a call to the Bluetooth headset by pressing the button on the Bluetooth headset.

Operation notice

Accessibility and Voice quality

Bluetooth uses the frequency of 2.45 GHz. WLAN, microwave oven and other devices that use the same frequency can cause a disturbance in the Bluetooth headset.

Operation Area

The maximum operating distance between the headset and the phone is 10 metres according to standard 1.2. The communication distance between the handset and headset may vary considerably due to the environment and disturbances from other 2.45 GHz equipment. Different headsets can also give different communication distances.

Out of Range

If a connection cannot be made with the connected Bluetooth headset the call is transferred automatically to the phone.

If the Bluetooth headset and the phone become out of range from each other the connection is temporarily lost. When the phone and the headset are in range again, the connection is automatically established when a call is made or received.

Maintenance

Replace the battery

Carefully remove the Bluetooth module from the battery.

Replace the Battery (see chapter “Replacing the battery” on page 125) and fasten the Bluetooth module again (see chapter “Installation” on page 7.

Replace the Bluetooth module

The Bluetooth module is not reparable. Ensure that it is properly disposed of.

Trouble Shooting

Problem	Reason	Solution
No headset found	Headset is turned off	Turn on the headset
	Headset is out of battery	Charge headset
	Headset is out of range	Move headset closer to phone
Pairing fails	Headset is not in pairing/ discoverable mode	Put the headset in pairing/discoverable mode *)
	Incorrect PIN entered	Try again and enter correct PIN *)
Connecting fails/ Failed to connect headset	Headset is not turned on	Turn on headset
	Headset is out of range	Move headset closer to phone
	Link key in headset has been deleted	Repeat pairing procedure
	Headset is already connected to another phone	Disconnect headset from the other phone
	Too close to a WLAN area and headset does not support the Bluetooth standard v1.2	Shut down WLAN equipment or move out of range.

Problem	Reason	Solution
Headset cannot connect to phone	Phone is not turned on	Turn on phone
	Phone is out of range	Move phone closer to headset
	Bluetooth module is disabled.	Enable Bluetooth chip in Bluetooth menu
	Another headset is already connected to the phone.	Disconnect the connected headset
	Link key is missing in either headset or phone.	Repeat pairing procedure
	Too close to a WLAN area and headset does not support the Bluetooth standard v1.2	Shut down WLAN equipment or move out of range.

*) see headset manual for details

Subject to alteration without prior notice.
For questions regarding the product,
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